

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A radio apparatus comprising:
positioning means for determining a position of said radio apparatus;
receiving means for receiving a radio signal;
checking means for checking whether said radio signal includes a search request
requesting the position of said radio apparatus;
judging means for judging whether said apparatus can determine its position;
sending means for sending a message to a sender of said radio signal in response to said
search request if said judging means judges that said apparatus cannot determine its position;
wherein said message comprises the position of the base station located nearest to said
radio apparatus.
2. (canceled).
3. (canceled).
4. (previously presented): The radio apparatus as claimed in claim 1, further
comprising storing means for storing said message.

5. (previously presented): The radio apparatus as claimed in claim 1, wherein said sending means sends said message even if said radio apparatus can determine its position.

6. (canceled).

7. (previously presented): The radio apparatus as claimed in claim 1, wherein said message indicates that said radio apparatus cannot determine its position.

8. (previously presented): The radio apparatus as claimed in claim 3, wherein said message indicates that said radio apparatus rejects said request for its position.

9. (previously presented): The radio apparatus as claimed in claim 4, further comprising:

positioning means for determining the position of said radio apparatus;

wherein said storing means stores radio apparatus position at a time when said radio apparatus can determine its position; and

wherein said message comprises the latest radio apparatus position stored in said storing means.

10. (canceled).

11. (original): The radio apparatus as claimed in claim 1, wherein said radio apparatus is a portable telephone.

12. (original): The radio apparatus as claimed in claim 4, wherein said radio apparatus receives radio signals from a plurality of senders, and said storing means stores a message for each one of the plurality of senders.

13. (original): The radio apparatus as claimed in claim 12, wherein at least one message stored in said storing means is different from another message stored in said storing means.

14. (currently amended): A radio apparatus comprising:
a receiver that receives a radio signal;
a receiver controller that checks whether said radio signal includes a search request requesting the position of said radio apparatus;
a positioning mechanism that judges whether said apparatus can determine its position and, if possible, determines the position of said radio apparatus;
a transmitter that sends a message to a sender of said radio signal in response to said search request if said position mechanism determines that said apparatus cannot determine its positing-position information;

wherein said message comprises the position of the base station located nearest to said radio apparatus.

15. (canceled).

16. (canceled).

17. (previously presented): The radio apparatus as claimed in claim 14, further comprising a memory that stores said message.

18. (previously presented): The radio apparatus as claimed in claim 14, wherein said transmitter sends said message even if said radio apparatus can determine its position.

19. (previously presented): The radio apparatus as claimed in claim 14, wherein:
if said positioning mechanism judges that said apparatus can determine its position, said positioning mechanism also determines the position of said radio apparatus; and
said transmitter sends said position to said sender of said radio signal.

20. (previously presented): The radio apparatus as claimed in claim 14, wherein said message indicates that said apparatus cannot determine its position.

21. (previously presented): The radio apparatus as claimed in claim 16, wherein said message indicates that said apparatus rejects said request to for its position.

22. (currently amended): The radio apparatus as claimed in claim 17, ~~wherein said positioning mechanism is also for determining the position of said radio apparatus;~~

wherein said memory stores radio apparatus position at a time when said radio apparatus can determine its position, and

wherein said message comprises the latest radio apparatus position stored in said memory.

23. (canceled).

24. (original): The radio apparatus as claimed in claim 14, wherein said radio apparatus is a portable telephone.

25. (previously presented): The radio apparatus as claimed in claim 17, wherein said radio apparatus receives radio signals from a plurality of senders, and said memory stores a message for each one of the plurality of senders.

26. (original): The radio apparatus as claimed in claim 25, wherein at least one message stored in said storing means is different from another message stored in said storing means.

27. (currently amended): A position search system including a first radio apparatus and a second apparatus, wherein said first radio apparatus comprises:

positioning means for said first radio apparatus to determine its position;

receiving means for receiving a radio signal from said second radio apparatus;

judging means for judging whether said first radio apparatus can determine its position;

checking means for checking whether said radio signal includes a search request

requesting the position of said first radio apparatus;

sending means for sending a message to said second radio apparatus in response to said search request if said judging means judges that said first radio apparatus cannot determine its position;

wherein said message comprises the position of the base station located nearest to said radio apparatus.

28. (canceled).

29. (canceled).

30. (previously presented): The position search system as claimed in claim 27, wherein said first radio apparatus further comprises storing means for storing said message..

31. (previously presented): The position search system as claimed in claim 27, wherein said first radio apparatus sends said message to said second radio apparatus even if said first radio apparatus can determine its position.

32. (currently amended): The position search system as claimed in claim 27, wherein said first radio apparatus ~~further comprises:~~

~~positioning means for said first radio apparatus to determine its position; and~~

wherein if said judging means judges that said first radio apparatus can determine its position, ~~said~~ sending means ~~for~~ sends said position determined by said positioning means to said second radio apparatus.

33. (previously presented): The position search system as claimed in claim 27, wherein said message indicates that said first radio apparatus cannot determine its position.

34. (previously presented): The position search system as claimed in claim 29, wherein said message indicates that said first radio apparatus rejects said request for its position.

35. (previously presented): The position search system as claimed in claim 30, further comprising:

positioning means for said first radio apparatus to determine its position;

wherein said storing means stores position of said first radio apparatus at a time when said first radio apparatus can determine its position, and

wherein said message comprises the latest position of said first radio apparatus stored in said storing means.

36. (canceled).

37. (original): The position search system as claimed in claim 27, at least one of said first radio apparatus and said second radio apparatus are portable telephones.

38. (original): The radio apparatus as claimed in claim 30, wherein said radio apparatus receives radio signals from a plurality of senders, and said storing means stores a message for each one of the plurality of senders.

39. (original): The radio apparatus as claimed in claim 38, wherein at least one message stored in said storing means is different from another message stored in said storing means.

40. (currently amended): A position search method for searching a position of a radio apparatus, said method comprises:

receiving a radio signal;

judging whether said radio apparatus can determine its position;

checking whether said radio signal includes a search request requesting the position of said radio apparatus;

sending a message to a sender of said radio signal in response to said search request if said radio apparatus cannot determine its position;

wherein said message comprises the position of the base station located nearest to said radio apparatus.

41. (canceled).

42. (currently amended): The position search method as claimed in claim 40, wherein said method further comprises ~~checking whether said radio signal includes a search request requesting the position of said radio apparatus.~~

43. (previously presented): The position search method as claimed in claim 40, wherein said method further comprises storing said message.

44. (previously presented): The position search method as claimed in claim 40, wherein said method further comprises:

sending said message even when said radio apparatus can determine its position.

45. (previously presented): The position search method as claimed in claim 40, wherein said method further comprises:

if it is judged that said radio apparatus can determine its position, determining the position of said radio apparatus and sending the position to a sender of said radio signal.

46. (original): The position search method as claimed in claim 40, wherein said radio apparatus is a portable telephone.

47. (original): The radio apparatus as claimed in claim 43, wherein said radio apparatus receives radio signals from a plurality of senders, and said storing means stores a message for each one of the plurality of senders.

48. (original): The radio apparatus as claimed in claim 47, wherein at least one message stored in said storing means is different from another message stored in said storing means.

49. (previously presented): The radio apparatus as claimed in claim 4, further comprising:

setting means for setting a response hold state if said judging means determines that said radio apparatus cannot determine its position;

identification means for checking the identification of the sender of said radio signal after said response hold state is set; and

reading means for reading the message stored in said storing means after said response hold state is set;

wherein after said message is read from said storing means, said response hold state ends and said sending means sends said message.

50. (previously presented): The radio apparatus as claimed in claim 49, wherein said setting means sets said response hold state even if said judging means determines that said radio apparatus can determine its position.

51. (previously presented): The radio apparatus as claimed in claim 17, further comprising:

a controller that sets a response hold state if said positioning mechanism judges that said radio apparatus cannot determine its position;

identification means that checks the identification information of the sender of said radio signal after said response hold state is set; and

reading means that reads the message stored in said memory after said response hold state is set;

wherein after said message is read from said storing means, said response hold state ends and said transmitter sends said message.

52. (previously presented): The radio apparatus as claimed in claim 51, wherein said controller sets said response hold state even if said positioning mechanism judges that said radio apparatus can determine its position.

53. (previously presented): The position search system as claimed in claim 30, further comprising:

setting means for setting a response hold state if said judging means determines that said first radio apparatus cannot determine its position;

identification means for checking the identification information of the sender of said radio signal after said response hold state is set; and

reading means for reading the message stored in said storing means after said response hold state is set;

wherein after said message is read from said storing means, said response hold state ends and said sending means sends said message.

54. (previously presented): The position search system as claimed in claim 53, wherein said setting means sets said response hold state even if said judging means determines that said first radio apparatus can determine its position.

55. (previously presented): The position search method as claimed in claim 43, further comprising:

setting a response hold state if it is judged that said radio apparatus cannot determine its position;

checking the identification information of the sender of said radio signal after said response hold state is set; and

reading the stored message after said response hold state is set;

ending said response hold state after said stored message is read and sending said message.

56. (previously presented): The position search method as claimed in claim 55, wherein said response hold state is set even if it is judged that said radio apparatus can determine its position.